AUTODOC CLUB

How to change spark plugs on **MERCEDES-BENZ S-Class Saloon (W221)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

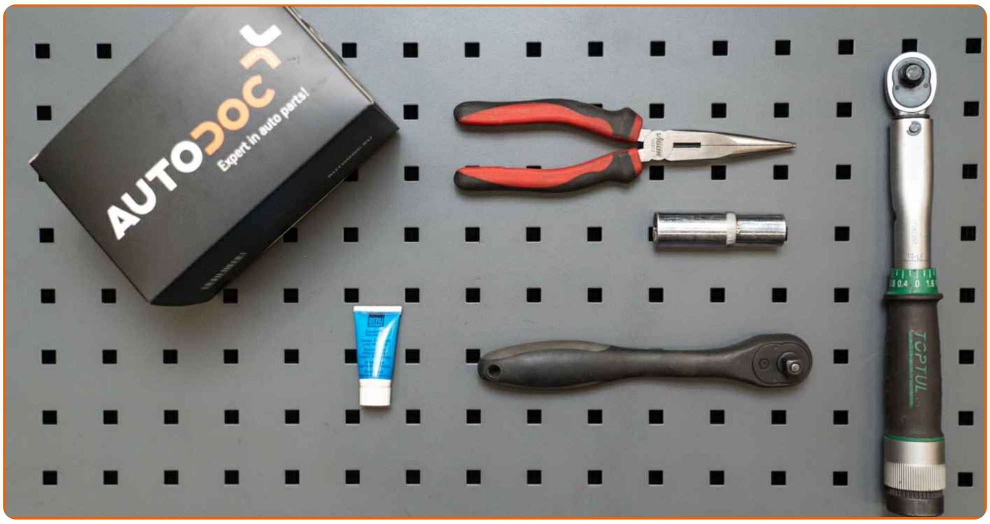
Important!

This replacement procedure can be used for:
MERCEDES-BENZ S-Class Saloon (W221) S 65 AMG (221.179), MERCEDES-BENZ S-Class Saloon (W221) S 600 (221.176)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ B-Class (W245) B 170 (245.232) MERCEDES-BENZ B-Class (W245) B 150 (245.231) MERCEDES-BENZ B-Class (W245) B 170 NGT (245.233) MERCEDES-BENZ B-Class (W245) B 160 (245.231) MERCEDES-BENZ B-Class (W245) B 180 (245.232)

REPLACEMENT: SPARK PLUGS – MERCEDES-BENZ S-CLASS SALOON (W221). TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Round-nose pliers
- Fender cover

Buy tools

Replacement: spark plugs – MERCEDES-BENZ S-Class Saloon (W221).
AUTODOC experts recommend:

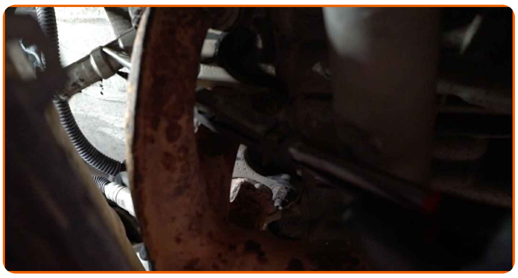
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – MERCEDES-BENZ S-CLASS SALOON (W221). RECOMMENDED SEQUENCE OF STEPS:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

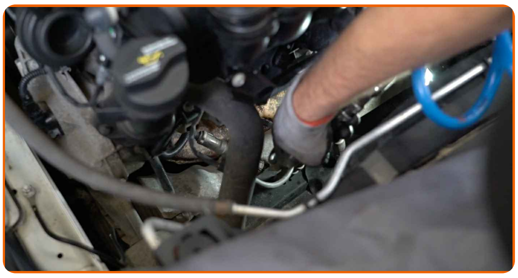
3 Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.



Replacement: spark plugs – MERCEDES-BENZ S-Class Saloon (W221).
Professionals recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

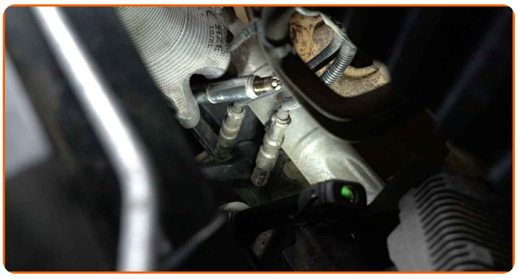
4 Clean dirt, dust and debris from inside the spark plug wells.



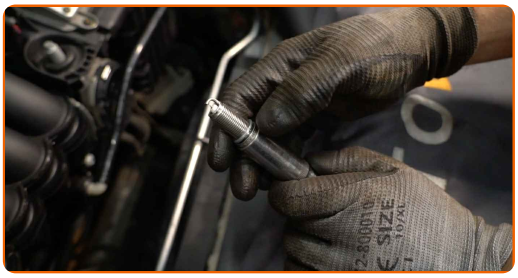
5 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



6 Take out the spark plugs.



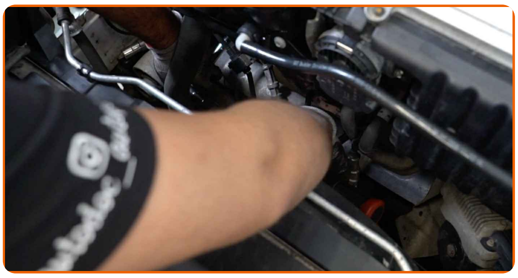
7 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



8 Install the new spark plugs into their mounting seats.



9 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



Replacement: spark plugs – MERCEDES-BENZ S-Class Saloon (W221). AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

10 Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

- Replacement: spark plugs – MERCEDES-BENZ S-Class Saloon (W221). Follow the installation steps.

11 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

12 Shut off the engine.

13 Remove the fender protection cover.

14 Close the hood.

WELL DONE!

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